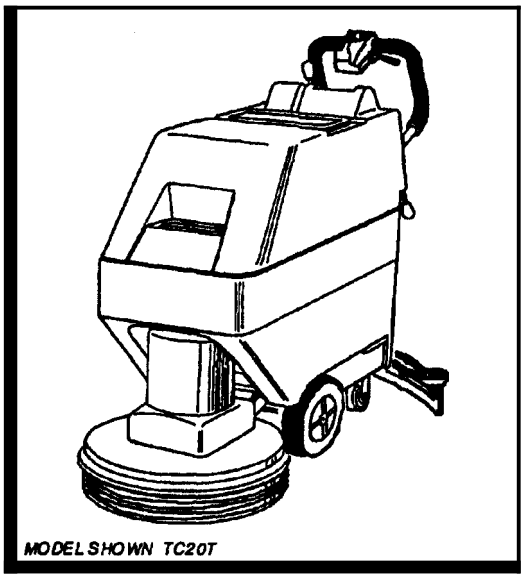
TRIDENT COMPACT
HARDFLOOR SCRUBBER

WINDSOR



Operating Instructions (ENG)

MODEL:
TC17/20IFE - (17"/20" Non-Traction)

VOLTAGE
230V

QUEST ...for continuous Improvement
Windsor's Quality Management System is Certified ISO 9001

CE
IPX4

Read these instructions before operating the machine.

ENGLISH

IMPORTANT SAFETY INSTRUCTIONS

When using an electrical appliance, basic precautions should always be followed, including the following:

A WARNING: To reduce the risk of fire, electric shock, or injury:

Connect machine to a properly grounded outlet only. See grounding instructions.
Do not leave appliance when plugged in. Unplug from outlet when not in use and before sewicing.
Do not use outdoors or on wet surfaces.
Do not allow to be used as a toy. Close attention is necessary when used by or near children.
Use only as described in this manual. Use only manufactures recommended attachments.
Do not use with damaged cord or plug. If appliance is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to an authorized service center.
Do not pull or carry by cord, use cord as a handle, close a door on a cord, or pull cord around sharp edges or corners.
Do not run appliance over cord. Keep cord away from heated surfaces.
Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
Do not handle plug or appliance with wet hands.
Do not put any object into openings. Do not use with any opening blocked; keep free of dust, lint, hair, and anything that may reduce air flow.
Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
Do not pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
Turn off all controls before unplugging.
Do not use to pick up flammable or combustible liquids such as gasoline or use in areas where they may be present.

SAVE THESE INSTRUCTIONS

SPANISH

INSTRUCCIONES IMPORTANTES PARA SU SEGURIDAD

Durante la utilización de un dlspositivo electrico hay que tener en cuenta una serie de medidas básicas de precaucl6n, que incluyenlas siguientes

A ADVERTENCIA: Para reducir el riesgo de incendios, descargas eléctricas o lesiones:

No deje nunca el aparato conectado a la red. Despues de su uso, y antes de cualquier revisiono reparaclon. desconecte el aparato de la toma de corriente.
No usar nunca el aparato al aire libre, ni sobre superfivies humedas.
No permita que se utilice el aparato como un juguete. Hay que prestar especial atencion al utilizarlo en las cercanias de ninos.
Utilzar el aparato solo como se describe en este manual. Emplear exclusivamente los accesorios recomendados por el fabricante. No poner en marcha el aparato con un cable electrico deteriorado. Si el aparato no funciona como deberia, si se ha caido, danado, si ha permanecido al aire libre o si se ha caido al agua, dirijase a un taller de servicio. No tire del aparato ni lo transporte utilzando el cable electrico; no use el cable a modo de asa, ni cierre una puerta con el cable pillado; no tienda el cable en torro a aristas vivas o esquinas.
No pase con el aparato por encima del cable. Mantenga el cable simpre lejos de superficies calientes. No desconecte el enchufe de la red tirando del cable.
Para desconectar el aparato hay que tirar del enchufe, no del cable.
No maneje el enchufe ni el aparato con las manos humedas.
No inlroduzca ningun objeto en las aberturas del aparato.
No utilice el aparato mientras esta bloqueada uns de las aberturas; evite la penetracion de polvo, hilachas, pelos o cualquier objeto que pueda inhibir la circulacion del aire.
Mantengasu cabello, la ropasuelta, los dedos y todas las partes de su cuerpo alejadas de las aberturas y plezas en movimiento. No utilice el aspirador para recoger cuerpos en llamas o humeantes, tales como cigarrillos, cerillas o cenizas calientes
Desconecte todos los interruptores antes de desenchufar el aspirador..
No utilice el aspirador para recoger liquidos inflamables o combustibles, tales como gasolina, ni maneje el aspirador en zonas donde pueda haber liquidos de este tipo.

CONSERVE ESTAS INSTRUCCIONES A MANO

FRENCH

IMPORTANTES MESURES DE SÉCURITÉ

L'utilisation d'un appareil électrique demande certaines précautions:
LIRE TOUTES LES INSTRUCTIONS AVANT DE FAIRE FONCTIONNER (CET APPAREIL)

A AVERTISSEMENT: Pour réduire les risques d'incendie, de choc électrique ou de blessure:

Cet appareil ne doit être connecter qu a des prises ayant une sortie de terre. Se reporter aux instructions de mise à la terre.
Ne pas laisser l'appareil sans surveillance lorsqu'il est branché. Debrancher lorsque l'appareil n'est pas utilisé et avant l'entretien.
Avertissement. Pour reduire les risques de choc electrique, ne pas utiliser à l exterieur et ne pas aspirer de matières humides.
Ne pas permettre aux enfants de jouer avec l'appareil. Une attention particulière est nécessaire lorsque l'appareil est utilisé pardes enfants ou à proximité de ces derniers.
Nutiliser que conformément à cette notice avec les accessoires recommandes par le fabricant.
Ne pas utiliser si le cordonou la fiche est endommage. Retourner l'appareil à un atelier de réparation s'il ne fonctionne pas bien, s'il est tomb6 ou s'il a été endommagé, oublié à l'extérieur ou immergé.
Ne pas tirer soulever outrainer l'appareil par le cordon. Ne pas utiliserle cordoncomme une poignée, le coincer dans l'ernbrasure d'unée porte ou l'appuyer contre des arêtes vives ou des coins. Ne pas faire rouler l'appareil sur le cordon. Garder le cordon à l'écart des surfaces chaudes.
Ne pas debrancher en tirant sur le cordon. Tirer plutôt la fiche.
Ne pas toucher la fiche ou l'appareil lorsque vos mains sont humides.
N'insérer aucun objet dans les ouvertures. Ne pas utiliser l'appareil lorsqu'une ouverture est bloquée. S'assure que de la poussière, de la peluche, des cheveux ou d'autres matibres ne réduisent pas le débit d'air.
Maintenir les cheveux, les vêtements amples, les doigts et toutes les parties du corps à l'écart des ouvertures et des pièces mobiles.
Ne pas aspirer de matiéres en combustion ou qui dégagent de la fumée, commedes cigarettes, des allumettes ou des cendres chaudes.
Mettre toutes les commandes à la position ARRÊT avant de débrancher l'appareil.
Ne pas aspirer des liquides inflammables ou combustibles, comme de l'essence, et ne pas faire fonctionner dans des endroits oh peuvent se trouver de tels liquides.

CONSERVER CES INSTRUCTIONS

GERMAN

WICHTIGE SICHERHEITSHINWEISE

Beim Gebrauch eines elektrishen Gerätes müssen immer grundsätzliche Vorsichtsmaßnahmen beachtet werden, einschließlich der folgenden.

A WARNUNG: Um feuer; stromschlag oder beschadigung zu vermeiden:

Maschine nicht unbeaufsichtigt lassen. Bei Stillstand und Wartung Stecker ziehan.
Nicht irn Freien oder auf naßen Oberfläche benutzen.
Die Maschine darf nicht als Spielzeug benutzt werden. Besondere Aufmerksamkeit ist geboten, wenn die Maschine in der Nähe von Kindern benutzt wird.
Benutzung nur gemäß Betriebsanleitung und mit dern vom Hersteller emmmpfohlenen Zubehör.
Maschine nicht mit beschädigtem Kabel oder Stecker Inbetrieb nehmen. Arbeitet die Maschine nicht einwandfrei, ist sie hingefallenm beschädigt, hat sie irn Freien gestanden *oder* ist sie rnit Wasser in Berührung gekommen – Kontakt mit einem autorisierten Wartungsdienst aufnehmen.
Nicht am Kabel ziehen, Kabel nicht als Tragegriff benutzen, nicht in der Türe einklemmen oder über scharfe Ecken und Kanten ziehen.
Nlcht rnlt der Maschine über das Kabel fahren und Kabel von heißen Flächen fernhalten.
Stecker nicht am Kabel herausziehen, sondern am Stecker.
Maschine und Stecker nicht rnit naßen Händen bedienen.
Nlcht der Maschine arbeiten wenn irgendeine Lüftung blockiert ist. Lüftungsöffnungen frei von Überresten halten, welche die Lutzirkulation behindern.
Haare, lose Kleidung. Finger und alle anderen Körperteile von Öffnungen und arbeitenden Teilen fernhalten.
Nichts brennendes oder qualmendes wie Zigaretten, Streichhölzer oder heiße Asche aufsaugen.
Bevor Stecker gezogen wird, Maschine ausschalten.
Keine brennbaren *oder* entzündbaren Materialien wie Benain aufsaugen und nicht in deren Nähe arbeiten.

BEACHTEN SIE DIESE HINWEISE

NORWEGIAN

VIKTIGE SIKKERHETSINSTRUKSJONER

Ved bruk av elektrisk utstyr skal dlsse grunnregler følges:

A ADVARSEL: For å unngå fare for brann, elektrisk støt, eller skade:

Maskinen må kun tilkobles et jordet uttak. Se jordingsinstruksjonene.
Ikke forlat utstyret når det er innkoblet. Dra *ut* støpslet når det Ikke brukes og ved reparasjon.
Må ikke brukes utendørs eller på vått underlag.
Må ikke brukes som leketøy. Hold nøye oppsyn ved bruk av og rundt barn.
Brukes kun siik det er forklart i denne manualen. Bruk kun produsentens anbefalte tilleggutstyr.
Ikke bruk skadet ledning eller støpsel. Hvis utstyret ikke virker slik det skai, har falt i bakken, blitt skadet, forlatt utendørs eller mistet i vann, returner det til en autorisert reparatør.
Ikke dra eller løft i ledningen, bruk heiler ikke ledningen som hdndtak. ikke lukk en dar over ledningen, heller ikke dra ledningen rundt skarpe kanter eller hjørner.
Ikke kjør apparater over ledningen. Hold ledningen borte fra oppvarmet underlag.
Ikke dra *ut* støpslet ved å dra i ledningen. For å dra ut støpslet, ta tak i stopslet, ikke i ledningen.
Ikke håndter støpslet eller utstyret med våte hender.
Ikke stikk fremmedlegemer inni åpningene. Må ikke brukes hvis noen av åpningene er blokkerte: hold rent fo støv, lo, hår, og annet som kan redusere luftstrømmen.
Hold hår, løse klær, fingrer og alle kroppsdeler vekk fra åpninger og bevegelige deler.
Ikke sug opp noe som brenner eller røyker, slik som sigaretter, fyrstikker eller varm aske.
Slå av alle kontrolier før støpslet dras *ut*.
Ikke sug opp brennbare eller lettantennelige væsker slik som bensin, eller bruk i områder hvor dlsse kan forekomme.

TA VARE PÅ DISSE INSTRUKSJONENE

ITALIAN

IMPORTANTI ISTRUZIONI PER LA SICUREZZA

Quando si usa un apparecchiatura eiettrica, e necessario sempre aicune precauzioni di base, fra cui:

A AVVERTENZA: Perridurre il pericoto di incendio, scosse elettriche e lesioni personali:

Collegare la rnacchina soiarnente ad una presa di corrente adeguatamente messa a terra. Vedere le istruzlonl sulla messa a terra.
Non abbandonare la macchina quando questa è collegata alle presadl corrente. Quando la macchina non viene usata, e prima di ognl lntervento dl riparazione o rnanutenzione, staccare il cavo di alimentazione dalla pressa di corrente.
Non usare la rnacchlna all'aperto o su superfici bagnate.
Non permettere che la macchina venga usata come giocattolo. Prestare particolare attenzione quando la macchlna viene usata dal bambini o vicino ad essi.
Usare la macchina soltanto nel modo descritto in questo manuale. Usare solamente accessori raccomandati dalla casa produttrice della rnacchlna.
Non usare ia rnacchina con cavi e spine danneggiatl. Se la rnacchina non funziona come dovrebbe, è caduta a terra, si è danneggiata, è stata lasciata ail'aperto o è caduta in acqua, portarla ad un centro assistenza autorizzato.
Non tirare o trasportare la macchlna per il cavo, né usare il cavo come rnanico. chiudere una porta sopra il cavo, tirare il cavo a contatto di angoli e bordi acuminati.
No usare la macchina in movimento sopra il cavo; tenere il cavo il cavo lontano da superfici calde.
Non staccare la spina dalla presa di corrente Urando il cavo. Per staccare ia spina, afferrare la spina e non il cavo.
Non maneggiare la splna o la macchina con ie rnani bagnate.
Non infilare alcun oggetto dentro le aperture. Non usare la rnacchina se un'apertura è bloccata; mantenere la rnacchina priva di polvere, sporco, sfilacciature o altro ostacolo che riduca il flusso dell'aria.
Tenere capelli, abiti ampi, dita e ogni altra parte del corpo lontano dalle aperture e dalle parti in movimento.
Non usare l'aspirapolvere per raccogliere qualcosa che stia bruciando o fumando (sigarette, fiarnrniferi, caneri calde).
Prima di staccare la spina dalla presa di corrente, spegnere tutti i comandi delia macchina.
Non usare la rnacchina per raccogiiere liquidi infiammabili o combustibili, come la benzina, né usarla in aree dove possono esservi tali liquidi.

CONSERVARE QUESTE ISTRUZIONI

ELECTRICAL:

This machine operates on a standard 230 Volt AC circuit. Voltages below 220 Volts or above 250 Volts could cause serious damage to motors. Wiring diagram is mounted inside of machine.

EXTENSION CORDS:

If an extension cord is used, the wire size must be at least one size larger than the power cord on the machine, and must be limited to 50 feet (15.15m) in length. NOTE: If the power supply cord of this appliance is damaged, it must be replaced by a special cord.

⚠ WARNING Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service person if you are in doubt as to whether the outlet is properly grounded. Do not modify the plug provided with the appliance – If it will not fit the outlet, have a proper outlet installed by a qualified electrician.

INSPECTION: Carefully unpack your machine and inspect it for any shipping damage. Any damage which occurred during shipping is the responsibility of the carrier, who must be notified immediately.

ELECTRICIDAD:

Esta aspiradora funciona en un circuito corriente de 230 voltios CA. Los voltajes por debajo de 220 voltios o por encima de 250 voltios podrían ocasionar serios daños a los motores. El diagrama de cableado está montado dentro de la máquina.

CORDONES DE PROLONGACIÓN:

Si se utiliza un cordón de prolongación, el tamaño del cable debe ser por lo menos de un tamaño más grande que el del cordón de electricidad de la máquina y tiene que estar limitado a 50 pies (15,18 metros) de longitud. NOTA: Si el cordón de alimentación de este artefacto se daña, hay que reemplazarlo con un cordón especial.

⚠ ADVERTENCIA La conexión indebida del conductor a tierra del equipo puede dar como resultado un riesgo de choque eléctrico. Consultar con una persona de servicio o electricista calificado si se tiene dudas respecto de si la toma está puesta a tierra en forma apropiada. No modificar el enchufe que viene con el artefacto 3/4 si no se ajusta a la toma de corriente, hacer que un electricista calificado instale la toma apropiada..

INSPECCIÓN: Desempacar cuidadosamente la aspiradora e inspeccionarla para ver si ha sufrido daños en el transporte. Cualquier daño que haya tenido lugar durante el traslado es responsabilidad de la empresa de transportes. a la que hay que notificar en forma inmediata.

SPECIFICATIONS ELECTRIQUES:

Cet aspirateur fonctionne sur tension alternative de 230 volts. Des tensions inférieures à 220 volts ou supérieurs à 250 volts peuvent sérieusement endommager les moteurs. Le schéma du câblage se trouve à l'intérieur de la machine.

RALLONGES:

Si une rallonge est utilisée, la taille du cordon électrique devrait être au moins d'une taille supérieur à celui de la machine ey sa longeur limitée à 15 m. *NOTE: Si le cordon d'alimentation en courant de cet appareil est endommagé, il doit être remplacé par un cordon spécial.*

⚠ AVERTISSEMENT Une connexion non conforme du conducteur de mise à la terre do l'appareil peut provoquer une dé charge électrique. Consulter un électricien qualifié ou une personne du service aprés vente si vous suspectez que la prise de courant n'est pa8 correctement mise à la terre. Ne pas modifier la fiche fournie avec l'appareil – si elle ne rentre par dans la prise, faites Installer une prise appropriée par un électricien qualifié.

INSPECTION Déballer soigneusement l'aspirateur et l'inspecter pour tout dommage du au transport. Tous dégâts qui ont eu lieu pendant le transport sont à la responsabilité du transporteur, qui doit être mis au courant immédiatement.

ELEKTRISCHE ANFORDERUNGEN

Dieser Staubsauger wird mit einem Standard – 230 Volt AC – Stromkreis betrieben. Spannungen unter 220 Volt oder über 250 Volt können zu schweren Beschädigungen der Motoren führen. Ein Schaltplan ist im Inneren des Geräts angebracht.

VERLÄNGERUNGSKABEL:

Wird ein Verlängerungskabel benutzt, so muß dessen Kabelgröße größer als die Kabelgröße des Stromkabels der Maschine sein, Das Verlängerungskabel darf nicht länger als 15,15 m sein. *HINWEIS: Sollte das Stromkabel dieses Geräts beschädigt sein, so muß es durch ein spezielles Kabel ersetzt werden.*

⚠ WARNUNG Ein fehlerhaftes Verbinden der Erdleitung des Geräts kann Stromschläge verursachen. Kontaktieren Sie einen qualifizierten Elektriker oder Kundendienstpersonal, falls Sie nicht genau wissen, ob die Steckdose richtig geerdet ist. Verändern Sie nicht den mit dem Gerät mitgelieferten Stocker. Paßt der Stocker nicht in die Steckdose, so lassen Sie von einem qualifizierten Elektriker eine passende Steckdose installieren.

INSPEKTION Das Gerät vorsichtig auspacken und auf Transportschäden untersuchen. Für Schäden, die beim Versand aufgetreten sind, ist der Spediteur verantwortlich, und dieser ist sofort zu benachrichtigen.

SPECIFICHE ELETTRICHE:

Questo aspirapolvere funziona con un circuito elettrico standard CA da 230 Volt Tensioni inferiori a 220 Volt o superioria 250 Volt possono causare gravi danni al motore Il diagramma dei collegamenti elettrici si trova dentro la macchina.

CAVI DI ESTENSIONE:

Se viene usato un cavo di estensione, la dimensione del filo deve essere almeno di una misura maggiore del cavo di alimentazione della macchina e non più lungo di 15,15 metri. NOTA: *Se il cavo di alimentazione di questa macchina è danneggiato, sostituirlo* con un cavo speciale.

⚠ AVVERTENZA L'errato collegamento del filo di terra della macchina pub causare il rischio di scosse elettriche. In caso di dubbi sulla correttezza della messa a terra della presa di corrente, rivolgersi ad un elettricista qualificato o ad un tecnico delle riparazioni. Non modificare la spina consegnata con la macchina: se la spina non entra nella presa, far installare da un elettricista qualificato une corretta presa di corrente.

VERIFICA: Con attenzione, disimballare l'aspirapolvere ed ispezionarlo per verificare l'assenza di danni causati dalla spedizione I danni eventualmente risultanti sono responsa bilità dello spedizionere il quale deve essere awertito immediatamente..

ELEKTRISK:

Dette apparatet opererer på en standard 230 Volt vekselstrømkrets. Spenning under 220 Volt eller over 250 Volt kan forårsake alvorlige skader på motorer. Koblingsskjema er montert på innsiden av maskinen.

FORLENGELSESLEDNING:

Hvis en forlengelsesledning er brukt, må ledningens størrelse være minst én størrelse større enn strømledningen på maskinen, og må begrenses til 50 fot (15.15m) i lengde. NB! Hvis strømledningen på dette apparatet er skadet, må den byttes ut med en spesialledning.

⚠ ADVARSEL Hvis utstyret ikke jordes korrekt, kan det medføre fare for elektrisk stet. Kontroller med en kvalifisert elektriker eller reparatør hvis du er itvil med hensyn til om stikkontaktener riktig jordet. Ikke modifisér støpslet som apparatet er utstyrt med – hvis det ikke passer i uttaket, fa et riktig uttak innstallert av en kvalifisert elektriker.

INSPEKSJON: Pskk opp din støvsuger forsiktig og inspisér den for fraktskader. Skader som har skjedd under frakten, er senderen ansvarlig for og må bli underrettet umiddelbart.

SAFETY

The following symbols are used throughout this guide as indicated in their descriptions:

HAZARD INTENSITY LEVEL
There are three levels of hazard intensity identified by signal words –WARNING, CAUTION and FOR *SAFETY.* The level of hazard intensity is determined by the following definitions:

⚠ WARNING

WARNING – Hazards or unsafe practices which COULD result in severe personal injury or death.

⚠ CAUTION

CAUTION – Hazards or unsafe practices which could result in minor personal injury or product or property damage.

FOR SAFETY: To Identity actions which must be followed for safe operation of equipment.

The following information signals indicate potentially dangerous conditions to the operator or equipment. Read this guide carefully. Know when these conditions can exist. Locate all safety devices on the machine. Report machine damage or faulty operation immediately. Do not use the machine if it is not in proper operating condition.

For SAFETY:

DO NOT OPERATE MACHINE:
- Unless Trained and Authorized
- Unless Operatlon Gulde is Read and understood.
- In Flammable or Explosive areas.

WHEN USING MACHINE:
- Go slow on grades and slippery surfaces.
- Use care when backing machine.
- Do not carry riders on machine.
- Always follow basic safety and traffic rules.

BEFORE LEAVING OR SERVICING MACHINE:
- Stop on level surfaces.
- Turn off machine.

WHEN SERVICING MACHINE:
- Avoid moving parts. Do not wear loose jackets, shirts, or sleeves when working on machlne.
- Block machine wheels before jacking machine up.
- Use hoist or jack of adequate capacity to **lift machine.**
- **Use Windsor approved replacement parts.**

WHEN TRANSPORTING MACHINE IN A TRAILER:
- **Make sure the ramp angle is no more than 10°, and the ramp is strong enough to support the machine.**
- **Make** sure **ramp is clean and dry.**
- **Put ramp into position.**
- **Remove squeegee assembly & brushes before loading.**
- **Align the machine on a level surface ten (10) feet behind the ramp.**
- **Push machine up ramp carefully.**
- **Securely fasten the machine to the trailer.**

THIS PRODUCT IS FOR COMMERCIAL USE ONLY.

Notes:

SAFETY/OPERATIONS

INSPECTION: Carefully unpack your scrubber and inspect it for any shipping damage. Any damage which occurred during shipping is the

HOW *IT OPERATES*

The TRIDENT COMPACT is a walk–behind scrubber. The main scrubbing components include a solution/recovery tank, single disc–type brush or pad, a rear squeegee and a vacuum motor.
Detergent solution and water flow from the solution tank to the scrub brush. The rotating brush scrubs the floor. As the machine moves forward, the rear squeegee collects the dirty solution and channels it into the vacuum of the squeegee pickup hose. The pickup hose deposits the dirty solution into the recovery tank.

PREPARING FOR OPERATION

(PERFORM DAILY MAINTENANCE AS SHOWN ON PAGE 8.)

Fill Solution Tank

1.) Remove cover and fill. (see item 19, page 14)
2.) Use a clean bucket or hose to fill the tank with water.

⚠ CAUTION

Do not use water temperatures in excess of 140°F (60° C). Water which is too hot may distort the polyethylene tanks.

3.) Add a cleaning concentrate for use in automatic floor scrubbers. Closely follow the manufacturer's instructions found on container. Read ingredients listed on the container to ensure compatible chemicals are used.

⚠ CAUTION

Use only the suitable chemicals listed below. Using incompatible chemicals may damage the machine. Damages of this type are not covered under the WINDSOR Three Year Protection Plan. Carefully read ingredients on manufacturer's label before using any product in this machine.

SUITABLE CHEMICALS	INCOMPATIBLE CHEMICALS
Alkalis	Aldehydes
Defoaming Agents	Carbon Tetrachloride
Detergents	Chlorinated Hydrocarbons
Hydroxides	Methyls (MEK)
	Perchlorethylene (perc)
	Phenols
	Trichlorethylene
	D–Limonene

PREPARING FOR OPERATION (Cont.)

4) Plug the power cords together and twist into locked position. Attach the power cord to the yellow strain relief as shown. Plug power cord into a properly grounded wall outlet.

5) Turn vacuum motor switch on and off to make sure there is electrical power at machine.

OPERATING THE MACHINE

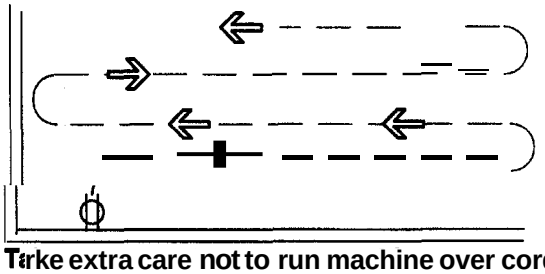
(PERFORM DAILY MAINTENANCE AS SHOWN ON PAGE 8.)

1. The area to be scrubbed should be swept, dry mopped and clear of debris (paper plates, cups, etc.).
2. Adjust the operator control handle to a comfortable position. (see item **3,** page ***7)***
3. Release solution. (Pull solution control lever rearward.) (see item 6, page 7) NOTE The amount of solution can be regulated during operation depending on the *type* of floor *and* the traverse speed of the machine. Pulling the lever *farther* rearward releases more solution.
4. Switch on brush drive motor. (see item 1, page 7)
5. Switch on vacuum motor. (see item 2, page 7)
6. Lower scrub deck. Pull scrub deck lift lever rearward. (see item 8, page 7)

⚠ CAUTION

Do not leave brush running on floor while machine is stationary.

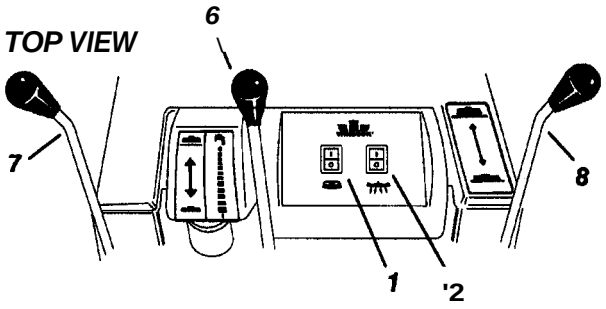
7. Lower squeegee. Pull squeegee lift lever back. (see item 7, page 7) NOTE Adjust squeegee as shown on page 10.
8. Move machine forward by applying even pressure on the main handle. Forward motion is assisted by the scrubbing action of the brush/pad driver.

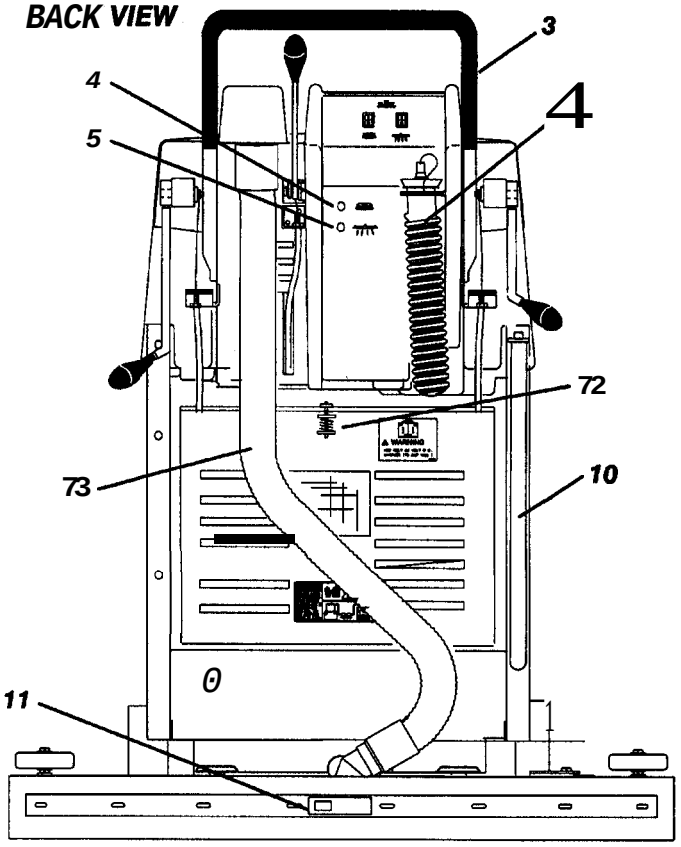


Take extra care not to run machine over cord or catch cord on squeegee when turning.

9. Plan your cleaning route to work away from the electrical source. Move machine forward at a steady pace.

OPERATION CONTROLS





1 ***Brush Switch.*** Turns brush onloff.

2 ***Vacuum Switch.*** Turns vacuum motor onloff.

3 ***Main Handle.***

4 ***Brush Motor Circuit Breaker.*** Protects brush motor from overheating.

5 ***Vacuum Motor Circuit Breaker.*** Protects vacuum motor from overheating.

6 ***Solution*** Lever. Controls the amount of solution flow to the floor.

7 ***Squeegee Lift Lever.*** Raises and lowers squeegee.

8 Scrub ***Deck Lift Lever.*** Raises and lowers scrub deck.

9 ***Recovery Tank Drain nose.***

70 ***Solution Tank Drain Hose.***

11 ***Squeegee Release Latch.*** Releases the rear squeegee blade for adjustment or replacement.

72 ***Battery Compartment*** Door ***Latch.*** Opens back of machine for access to batteries.

73 ***Vacuum nose.***

MAINTENANCE

		Maintenance Item	Daily	Weekly	Monthly	Annually
Before Starting the Work Period		Check Vac Hose Connections	*			
		Clean the Squeegee Blades	*			
		Inspect Brush or Pad	*			
		Inspect Vac Fan Foam Breaker	*			
	(2)	Inspect power cord for wear.	*			
End of Work Period Before Storing	(3)	Drain & Rinse Tanks	*			
		Raise Squeegee Assembly	*			
		Remove the Brush/Pad				
		Check the Brush/Pad for Damage and or wear	*			
		Clean Squeegee Blades & Foam Breaker	*			
	(4)	Remove lint build-up from screen in the recovery tank well.	*			
		Remove tank lid and allow recovery to dry between uses.	*			
		Check Solution Strainer		*		
		Check Casters & Wheels for proper lubrication		*		
	(5)	Inspect Tanks and Hoses		*		
		Inspect all Motors for Carbon Motor Brush wear.				*

NOTE:

1. *Details on these maintenance items can be found on the following pages.*
2. *This cable **will** lay on wet surfaces. To prevent electrical shock **immediately** replace cords with frayed **or** cracked insulation.*
3. *Periodically inspect the recovery tank and decontaminate **if necessary**, using a Hospital Grade Virucide **or** a 1 – 10 bleach to water solution. Wastewater should be disposed of properly.*
4. *Occasionally check in line filter screen, rinse **with** hot water if necessary.*
5. *Frayed **or** cracked hoses should be replaced to avoid vacuum **or** solution **pressure loss.***

LUBRICATION:

The following symbols are found throughout the manual indicating the items requiring lubrication:

Apply Grease

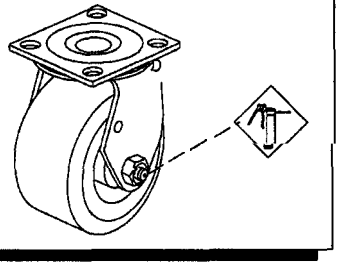
Use Spray Lubricant.

Thread Locker (Red or blue).

SEIZE

Use Anti-Seize when repairing.

EXAMPLE:



MAINTENANCE

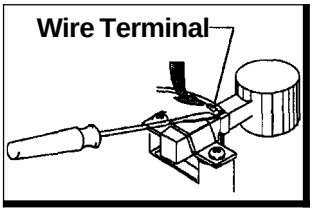
VACUUM MOTOR

1. Unplug the machine from outlet.
2. Remove (6) bolts holding vac motor/ plate assembly to recovery tank.
3. Disconnect vac motor lead from connector and lift out vac motor/ plate assembly.
4. Check motor brushes. When worn to 3/8" replace both brushes.

After the machine has been used for any wet pick–up, allow the vacuum motor to run 1–2 minutes, to help reduce moisture build–up in the vacuum motor. Drying out the vacuum motor after each use will extend the life of your vacuum motor.

⚠ WARNING

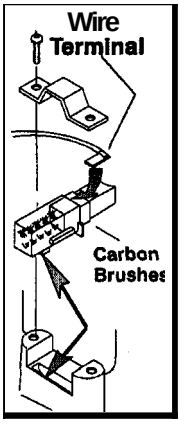
Hazardous Voltage. Shock can result. Unplug mahcine before servicing machine. Only qualified personnel should work inside machine.



Important:
When replacing carbon vac motor brushes loosen wire terminal **BEFORE** removing screws on bracket.

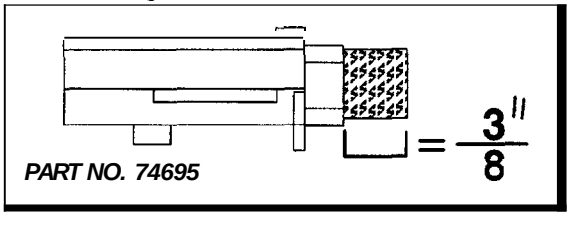
Important:
Replace carbon vac motor brushes if worn down to 3/8" in length. These brushes wear quicker as the length shortens due to increased heat.

Spring inside brush housing will damage motor if brushes are allowed to completely wear away.



Note: Place stop In groove.

NOTE: Periodically check the length of the carbon brushes. Replace carbon brushes which are less han 3/8" long.



BRUSH

Brush Installation:
1. Slide brush or pad driver under drive plate.
2. Align one metal lug on the brush or pad driver with the scrub deck sight hole and a keyhole in the drive plate.
3. Raise the brush or pad driver upward and twist clockwise until locked.

Brush Removal:
1. Raise brush or pad driver off floor.
2. Reach under brush or pad driver and rotate so that the metal lug in the drive plate is visible through the scrub deck sight hole.
3. Quickly twist brush or pad driver counterclockwise to release.

SOLUTION STRAINER

1. An inline solution strainer is located under chassis behind left wheel. Remove sediment bowl and screen periodically and rinse clean with hot water. Be **careful not** to misplace the gasket.

MAINTENANCE

SQUEEGEE ASSEMBLY

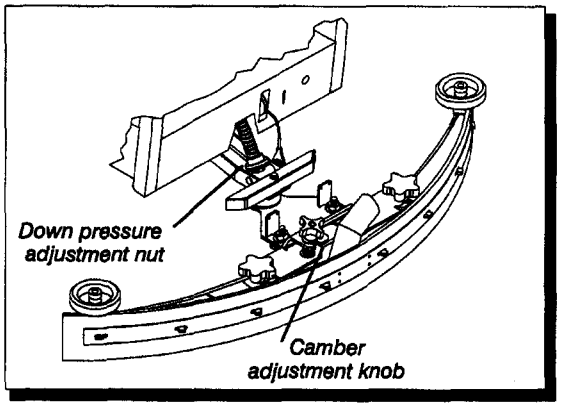
Before and during use of machine, use a damp cloth to wipe the outside and inside of squeegee to remove buildup of foreign material on the squeegee blades. This prevents streaking and residue on the floor.

Squeegee wear:

After extended use, the squeegee blades will wear. To improve squeegee performance and extend wear, proceed as follows:

1. Turn off all switches and place the machine on a level surface. Raise the squeegee to the transport position.
2. Loosen knobs on the left and right hand sides of squeegee until squeegee can be removed from the squeegee bracket.
3. Loosen the fasteners on front of squeegee to replace or adjust front blade.
4. Unlatch rear squeegee latch to replace rear blade.

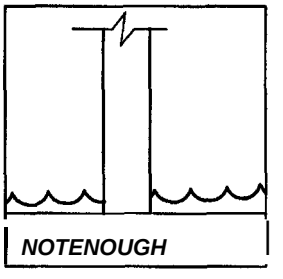
Adjusting Squeegee Assembly

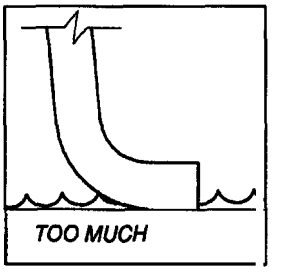


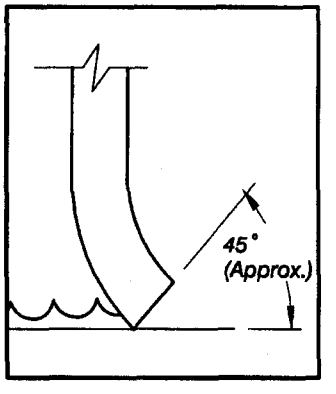
1. Lower the squeegee and move the machine forward.
2. Observe the level of the squeegee for an even curl along the length of the blade. Use camber adjustment knob to achieve even curl if required.
3. Adjust the down pressure nut located on squeegee mounting assembly. Do not apply excessive force.

SQUEEGEE DEFLECTION

INCORRECT



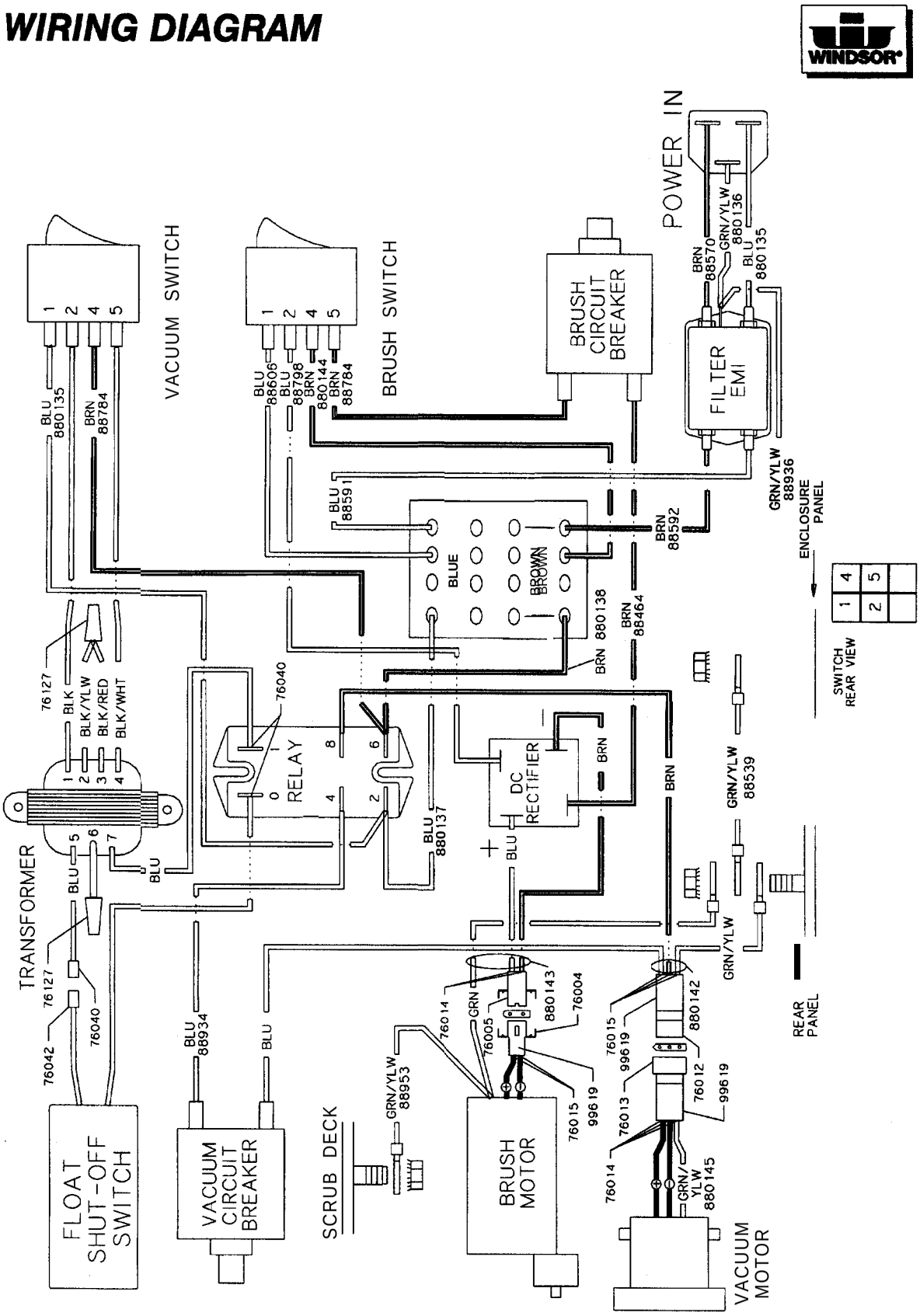




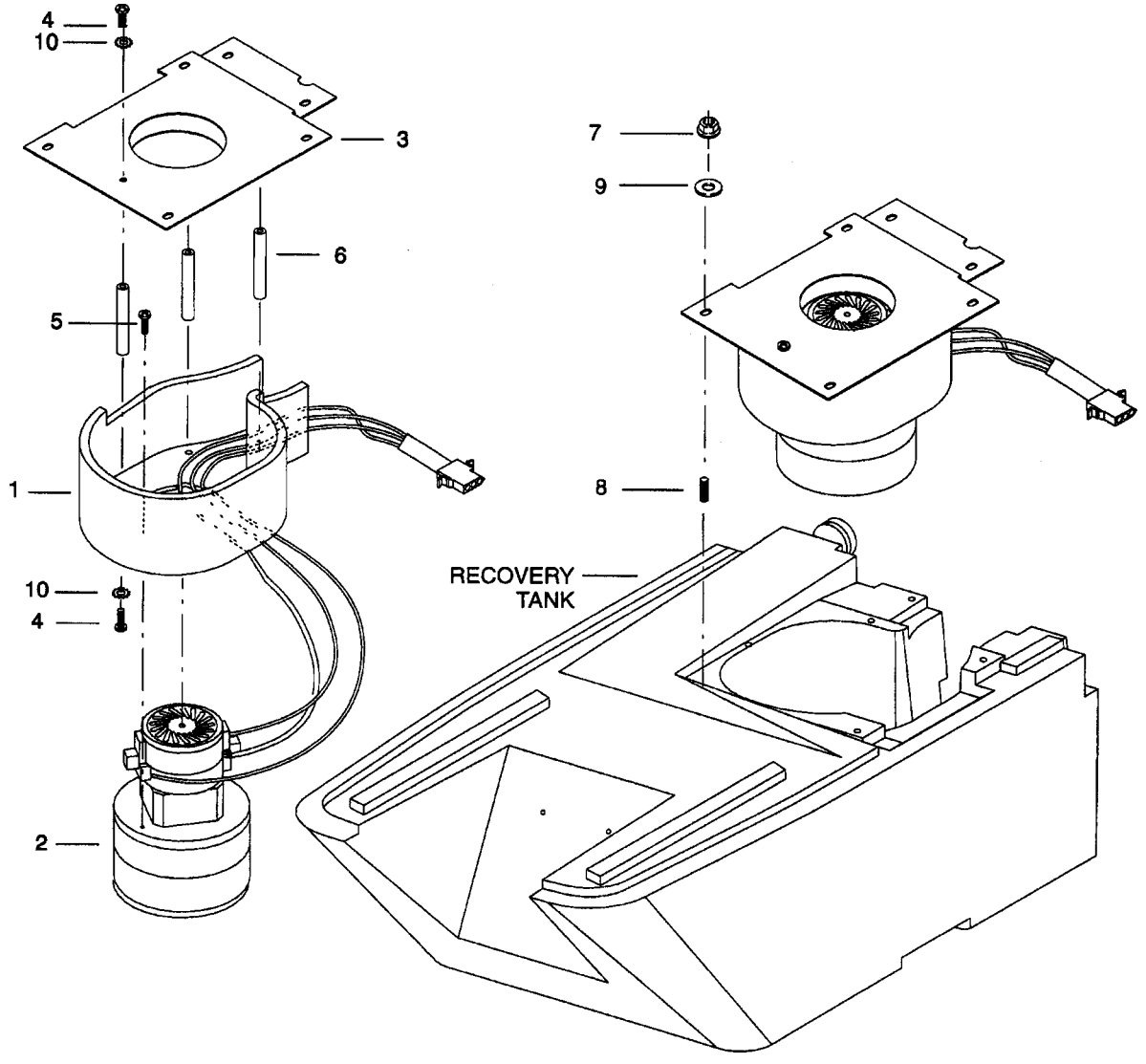
TROUBLE SHOOTING GUIDE

PROBLEM	POSSIBLE CAUSE	SOLUTION
No power to machine	Dead electrical circuit	Check building circuit breaker or fuse box.
	Power switch failure	Replace.
	Faulty power cord	Replace.
Electrical shock	Equipment not grounding	Follow grounding instructions exactly.
	Receptacle not grounded	Contact an electrician to check building's wiring.
	Internal wiring problem	Have a trained service technician check machine's wiring.
Vac motor speed varies or doesn't run	Worn motor brushes	Replace.
	Motor worn out	Replace.
	Faulty switch	Replace.
Loss of Vacuum	Loose recovery tank lid	Center and seal dome over tank.
	Crack in recovery tank lid or poor joint	Replace or repair using acrylic plastic cement only.
	Lint or dirt clogging vacuum screen	With power off clean screen.
	Loose cuffs on vacuum hose	Tighten cuffs turning counterclockwise.
	Vac motor seals leaking	Replace.
	Floor tool vac chamber clogged	Wash out with hose. Pick lint out with a wire.
	Vac motor, hose, or dome gasket	Replace.
Solution not flowing properly	Improper solution hose connection	Check for positive connection
	Screen in filter clogged	Remove and clean with hot water.
	Valve clogged	Clean or replace if damaged. Check to be sure filter screen is in place. Be sure to premix cleaning chemicals.

WIRING DIAGRAM

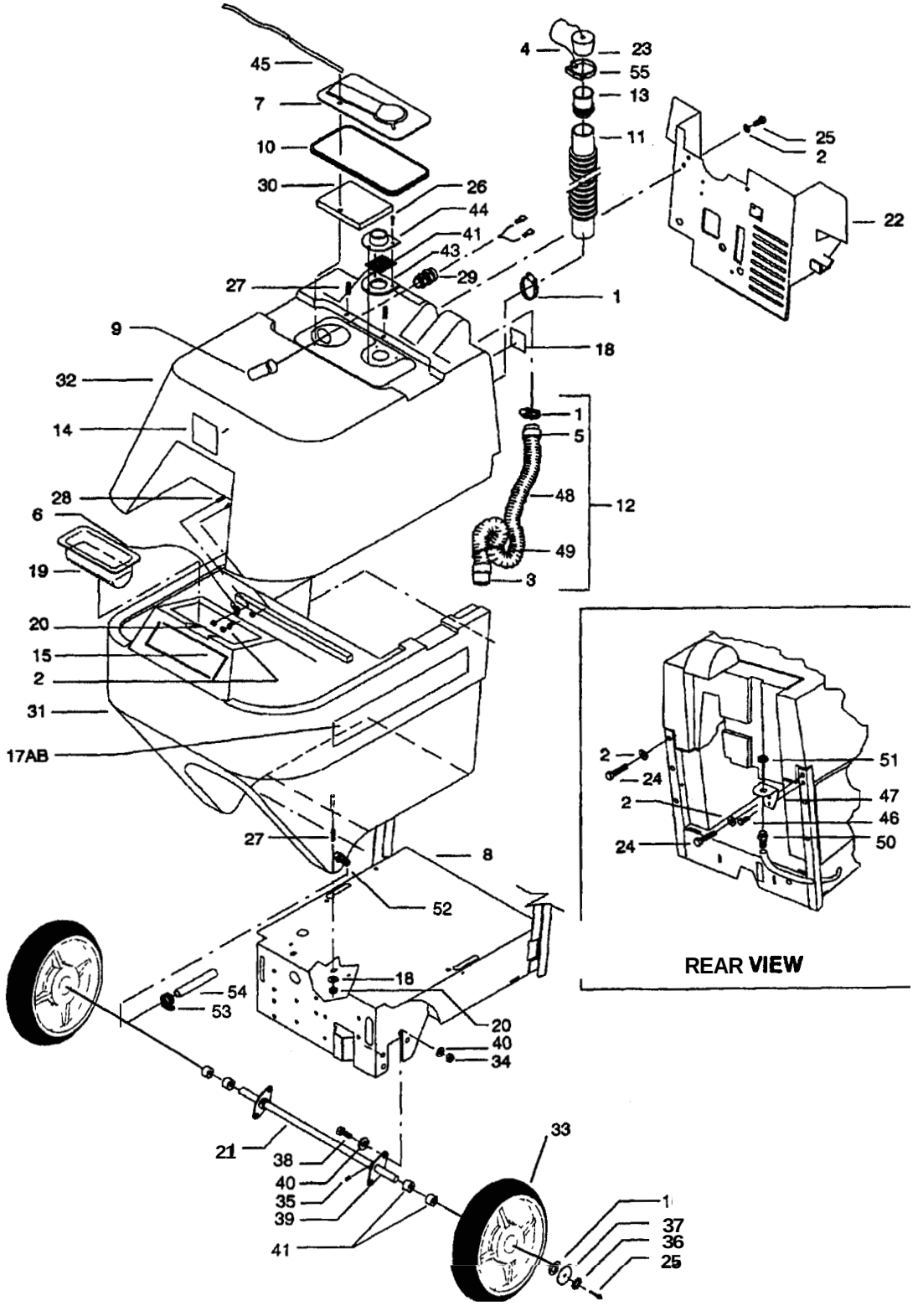


VAC MOTOR ASSEMBLY



Ref	Qty.	Part No.	Description	Serial No. From	Serial No. To	Notes:
1	1	27519	COVER, VAC MOTOR			
2	1	53749	VAC MTR ASM, 240V 5.7 2ST. P/D			
3	1	62360	PLATEASM,PT17E VAC			
4	6	70085	SCR, 1/4–20 X 1/2 PHMS			
5	4	70114	SCR, #10 X 3/4 POLYFAST			
6	3	73419	SPACER, VAC MOTOR			
7	6	57030	NUT, 10–32 NYLOCK PLTD			
8	6	70607	SET SCREW, 10–32 X 1.00			
9	6	87018	WASHER, #10 X 9/16 OD			
10	6	87025	WASHER, 1/4 STAR			

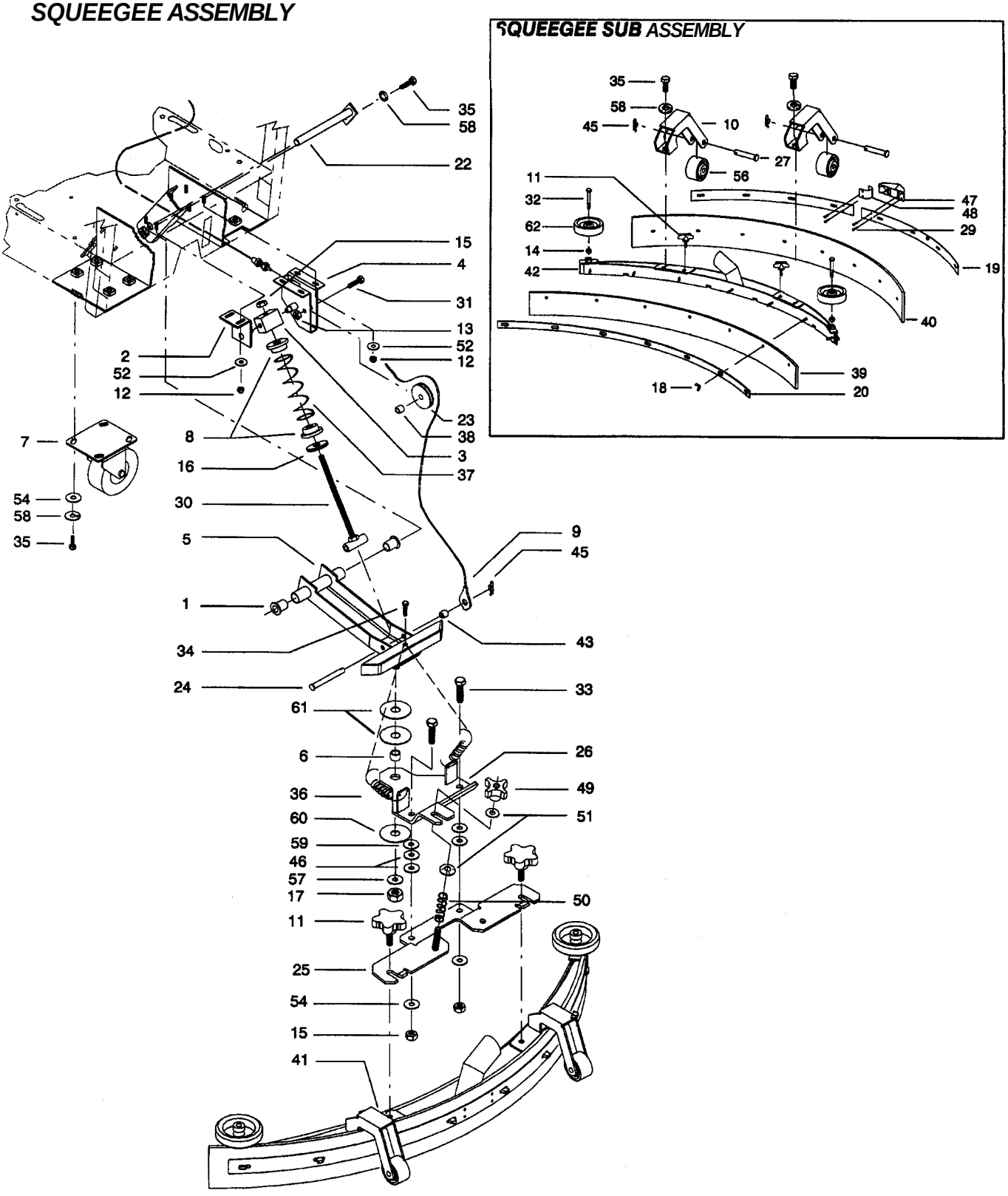
TANKS AND FRAMES



TANKS AND PARTS LIST

REF	PART NO.	QTY	DESCRIPTION	SERIAL NO. FROM	NOTES:
1	20046	2	CLAMP, 2.25 HOSE		
2	87090	12	WASHER, ¼ FLAT		
3	27079	1	CUFF, 1.5" WHT HOSE		
4	27188	1	CORD, DRAIN HOSE PLUG		
5	27282	1	CUFF, 1.5 SLIP X 1.5 HOSE		
6	27416	1	CORD, SOLUTION LID		
7	28055	1	DOME, TC MODIF.		
8	34303	1	FRAME, MAIN		
9	34305	1	FLOAT, RECOVERY SHUT-OFF		
10	35060	1	GASKET, DOME		
11	39472	1	HOSE, 1.5 X 24" DRAIN		
12	39383	1	HOSE ASM, VAC		
13	40019	1	HOSEBARB, 1.5 DOUBLE		
14	50485	1	LABEL, WINDSOR LOGO		
15	50742	1	LABEL, WARNING EXPLOSION HORIZ.		
16	80819	2	WASHER, .31 ID X 1.175 OD X 1/8		
17A	50518	2	LABEL, TC17 "COMPACT"		
17B	50519	2	LABEL, TC20 "COMPACT"		
18	50776	1	LABEL, FOR SAFETY		
19	51138	1	LID, SOLUTION TANK		
20	57047	3	NUT, ¼ -20 X 5/8 HHCS		
21	03058	1	AXLE, WHEEL 17.8 L X .625 OD		
22	61320	1	PANEL ASM, REAR		
23	66152	1	PLUG, DRAIN HOSE		
24	70010	6	SCR, ¼ -20 X 1.5 HHCS		
25	70011	6	SCR, ¼ - 20 X 5/8 HHCS		
26	70114	3	SCR, #10 X ¾ POLYFAST		
27	70251	3	SET SCREW, ¼ - 20 X 1.0 PLTD		
28	70393	2	SET SCREW, ¼ - 20 X 1.25 L		
29	73583	1	STRAIN RELIEF, 3/8 NPT		
30	34306	1	FOAM BREAKER		
31	75152	1	TANK, SOLUTION		
32	75234	1	TANK, RECOVERY		
33	89181	2	WHEEL, MAIN		
34	57119	4	NUT, 3/8 – 16 HEX NYLOCK PLTD		
35	70072	4	SET SCREW, 5/16 – 18 X 3/8 KCP		
36	87025	2	WASHER, ¼ LOCK EXT STAR		
37	27266	2	CAP, WHEEL HUB		
38	70266	4	SCR, 3/8 – 16 X 1.0 HHCS PLTD		
39	27408	2	COLLAR ASM, AXLE		
40	87003	8	WASHER, 3/8 ID X 7/8 OD SS		
41	73437	4	SPACER, 1.00 OD X .688 ID X .3L		
42	78294	1	TUBE, VAC MOTOR MOD.		
43	36150	1	GASKET, VAC INTAKE		
44	34258	1	INTAKE, FILTER VAC		
45	27417	1	CORD, 1/8 X 12"		
46	70191	2	SCREW, 10 – 32 X ½ HHTC		
47	14665	1	BRKT., TC17 SIGHT TUBE		
48	39388	1	HOSE ASM, 22"		
49	27051	1	CABLE TIE, 11.38" UL/CSA		
50	40013	1	HOSEBARB, 3/8 MPT X ½		
51	57044	1	NUT, 3/8 NPT HEX BRASS		
52	40022	1	HOSEBARB, ½ MPT X ½ POLY		
53	20042	1	CLAMP, 3/8 HOSE D D-SLOT		
54	39380	1	HOSE, ½ ID NYLOBRAID 6"		
55	20002	1	CLAMP, 2" NYLON		

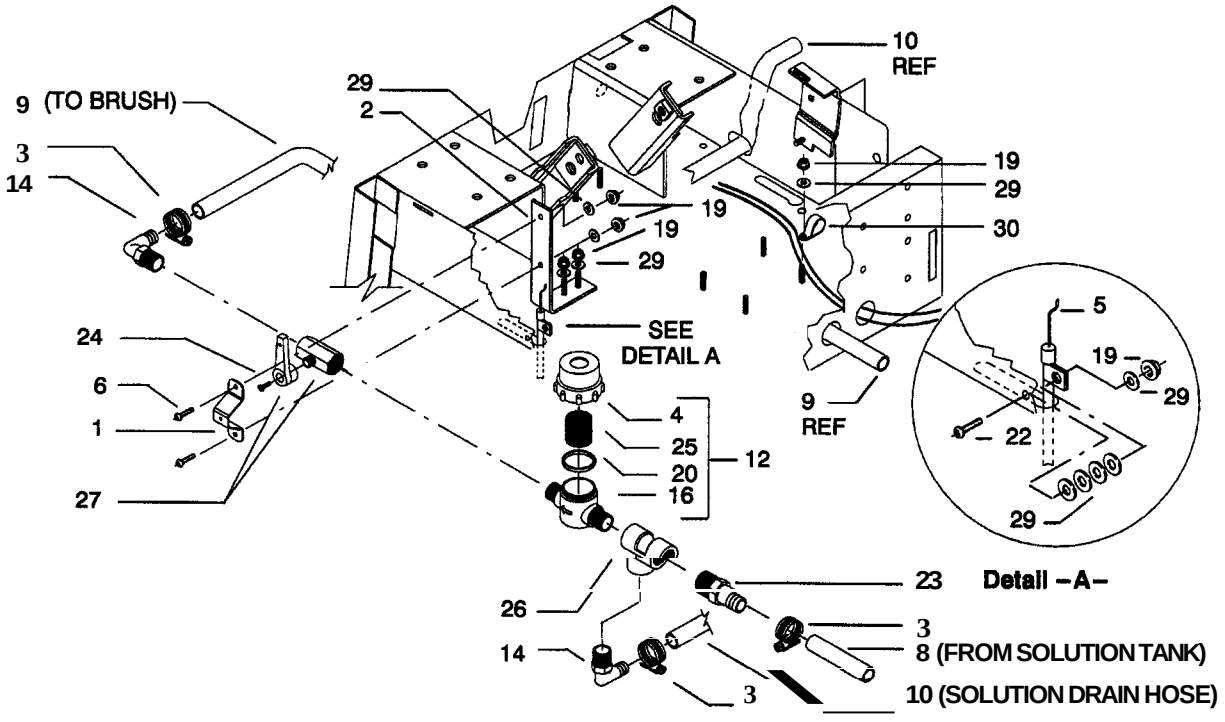
SQUEEGEE ASSEMBLY



QUEE ASSEMBLY

Ref	Qty.	Part No.	Description	Serial No. From	To	Notes
1	2	09120	BEARING, .627 X .502 X .75			
2	1	140148	BRACKET ASM, SUPPORT			
3	I	140149	BLOCK, SPRING SUPPORT			
4	1	140161	BRACKET ASM, SQUARE CABLE			
5	1	140171	BRACKET ASM, SQUARE PIVOT			
6	1	14748	BUSHING, 1/2 ID X 5/8 OD X 7/16H			
7	2	18039	CASTER, SWIVEL 3.50 X 4.69			
8	2	27423	CAP, SPRING RETAINER			
9	1	27725	CABLE ASM, SQUEEGEE			
10	2	71143	SUPPORT, ROLLER ASSEMBLY			
11	2	48069	KNOB, 2.25 OD, 5/16–18 X 1.00 STUD			
12	6	57030	NUT, 10–32 NYLOCK PLATED			
13	1	57047	NUT, 1/4–20 NYLOCK PLATED			
14	2	57085	NUT, 3/8–16 JAM			
15	3	57113	NUT, 5/16–18 HEX NYLOCK PLTD			
16	1	57124	NUT, CAMBER LOCK			
17	1	57153	NUT, 1/2–13 LOCK THIN NTE PLTD			
18	7	57254	NUT, WING 1/4–20 LOCKING			
19	2	62597	PLATE, SQGE, RTNG. REAR TR20/24			
20	1	62598	PLATE, SQGE, RTNG. FRONT TR20/24			
21			OPEN			
22	1	62629	AXLE ASM, PIVOT			
23	1	64090	PULLEY. 2.88 X 0.25 X 0.40 CABLE			
24	1	66268	PIN, CLEVIS 5/16 X 2.75LG ZINC			
25	1	66272	PLATE. SQUEEGEE ADJUSTMENT			
26	1	66274	PLATE WELDMENT, SQ. MOUNT			
27	2	66275	PIN CLEVIS, 1/4 X 1.625 LG			
28			OPEN			
29	4	67380	RIVET, 5/32 OD X 1/8 GRIP ALUM			
3 0	1	67355	ROD. WELDMENT SQ. LIFT			
31	1	70018	SCREW, 1/4–20 X 1 HHCSSS			
32	2	70255	SCREW, 3/8–16 X 1.5 HHCS PLT			
33	2	70294	SHOULDER BOLT, 3/8 OD X 5/8 L			
34	1	70296	SHOULDER BOLT, 5/16 X 1/2 L			
35	11	70305	SCREW, 5/16–18 X 3/4 HHCS			
36	2	73240	SPRING, 1/2 X 2.25 L EXTENSION			
37	1	73854	SPRING COMPRESS 1.10 X 2.75 X .142			
38	1	78359	TUBE, 13/32 X 0.049W X 1.56L CRS			
39	1	73802	BLADE, SQ. TR20/24 DIE CUT FRONT			
40	1	73803	BLADE, SQ. TR20/24 DIE CUT REAR			
41	1	73809	SQUEEGEE SUBASSEMBLY, TR20/24			
42	1	73804	SQUEEGEE ASSEMBLY, TR20/24			
43	1	78356	SPACER, .314 X .59 X .36 NYLON			
44			OPEN			
45	3	80605	RING, RUE COTTER 5/16 PLTD			
46	4	80683	WASHER, NEOPRENE 3/8 ID X 1 X 0.1			
47	1	81488	LATCH, SQUEEGEE STRAP REAR			
48	1	81489	STRIKER, SQUEEGEE STRAP REAR			
49	1	81535	KNOB, SQ. ADJUSTMENT PLATE			
50	1	73855	SPRING, COMPRESS .660 X 2.5 X .072			
51	2	87184	WASHER. SPHERICAL MALE HALF			
52	6	87018	WASHER, 3/16 ID X 9/16 OD #10 F			
53			OPEN			
54	11	87029	WASHER, 5/16 FLAT SAE			
55			OPEN			
56	2	89058	WASHER, SQUEEGEE ROLLER 8 PLTD			
57	1	87080	WASHER, 0.5 X 1.25 FLAT GR8 PLTD			
58	11	87083	WASHER, 5/16 SPLIT LOCK PLTD			
59	1	87090	WASHER, 1/4 ID X 3/4 OD PLTD			
60	1	87178	WASHER, 5/8 ID X 2 X 0.5 THK			
61	2	87137	WASHER, 5/8" ID X 2" OD X 3/32 THK			
62	2	89059	WHEEL, PT20 SQUEEGEE BUMPER			

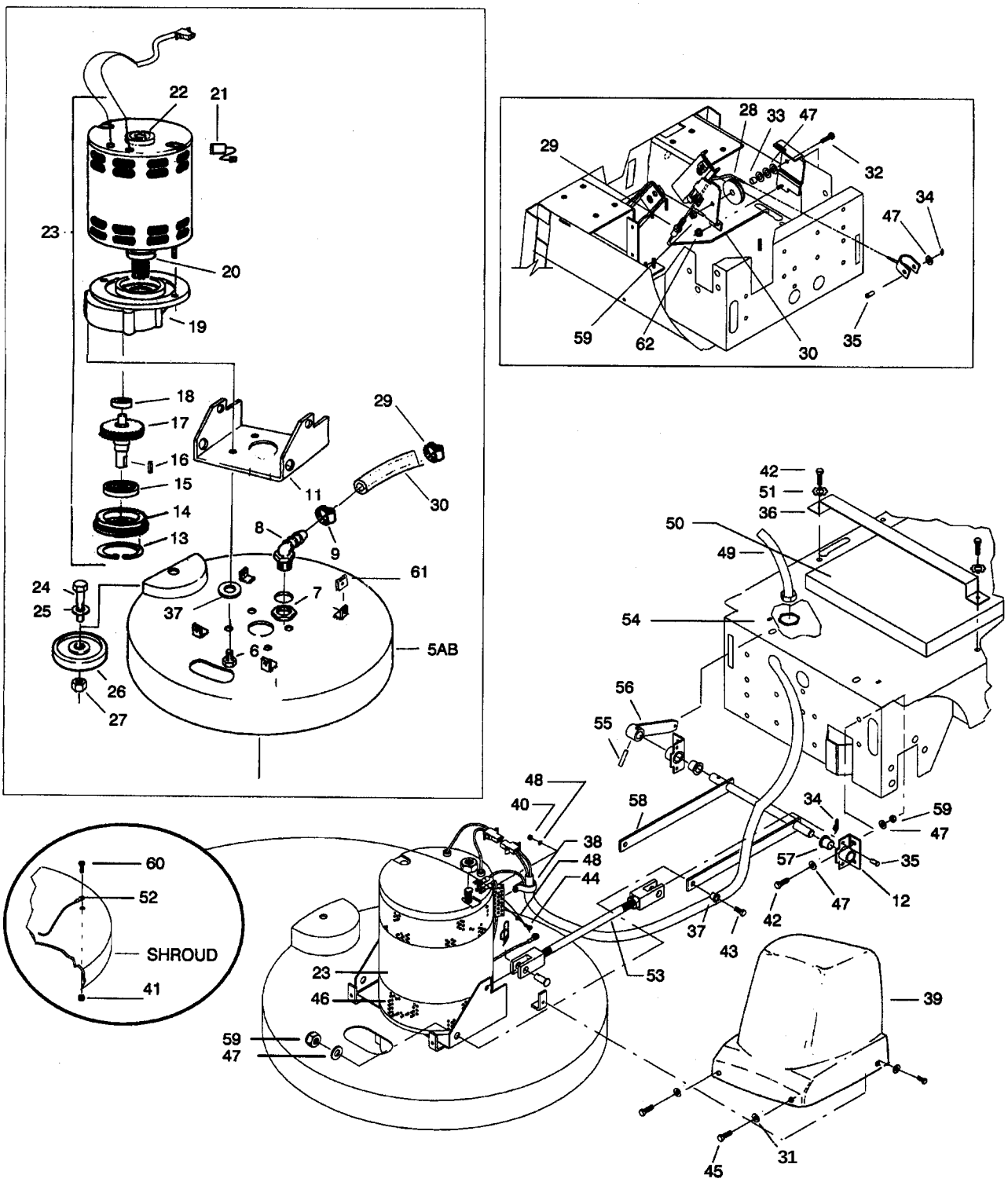
VALVE ASSEMBLY



VALVE ASSEMBLY PARTS LIST

Ref	Qty	Part No.	Description	Serial No. From	Serial No. To	Notes
1	1	14454	BRKT, VALVE			
2	1	140146	BRKT, SOLUTION VALVE MTG.			
3	3	20042	CLAMP, 3/8 HOSE			
4	1	27372	CAP, STRAINER			
5	1	27726	CABLE, SOLUTION			
7			OPEN			
8	1	39380	HOSE, 1/2 ID NYLOBRAID 6"			
9	1	39381	HOSE, 1/2 ID CLEAR X 22"			
10	1	39444	HOSE, 1/2 X 5" CLEAR			(ALL MODELS EXCEPT X)
11			OPEN			
121		73383	STRAINER, 3/8 NPT 20 MESH			
13			OPEN			
14	2	40027	HOSEBARB, 3/8 MPT X 1/2 90			
15			OPEN			
16	1	41184	HOUSING, STRAINER			
17			OPEN			
18			OPEN			
19	5	57030	NUT, 10–32 NYLOCK PLTD			
20	1	59021	O–RING, FILTER SEAL			
21			OPEN			
22	1	70066	SCR, 10–32 X 3/4 PPHMS SS			
23	1	40013	HOSEBARB, 3/8 MPT X 112			
24	1	70403	SCR, #10 X 1/2 POLY. PH PHIL			
25	1	73405	SCREEN, 80 MESH			
26	1	78212	TEE, 3/8 FPT			
27	1	84143	VALVE, 3/8 FPT			
28			OPEN			
29	9	87018	WASHER, #10 9/16 OD			
30	1	20035	CLAMP, 7/16 DIA. NYLON UL			

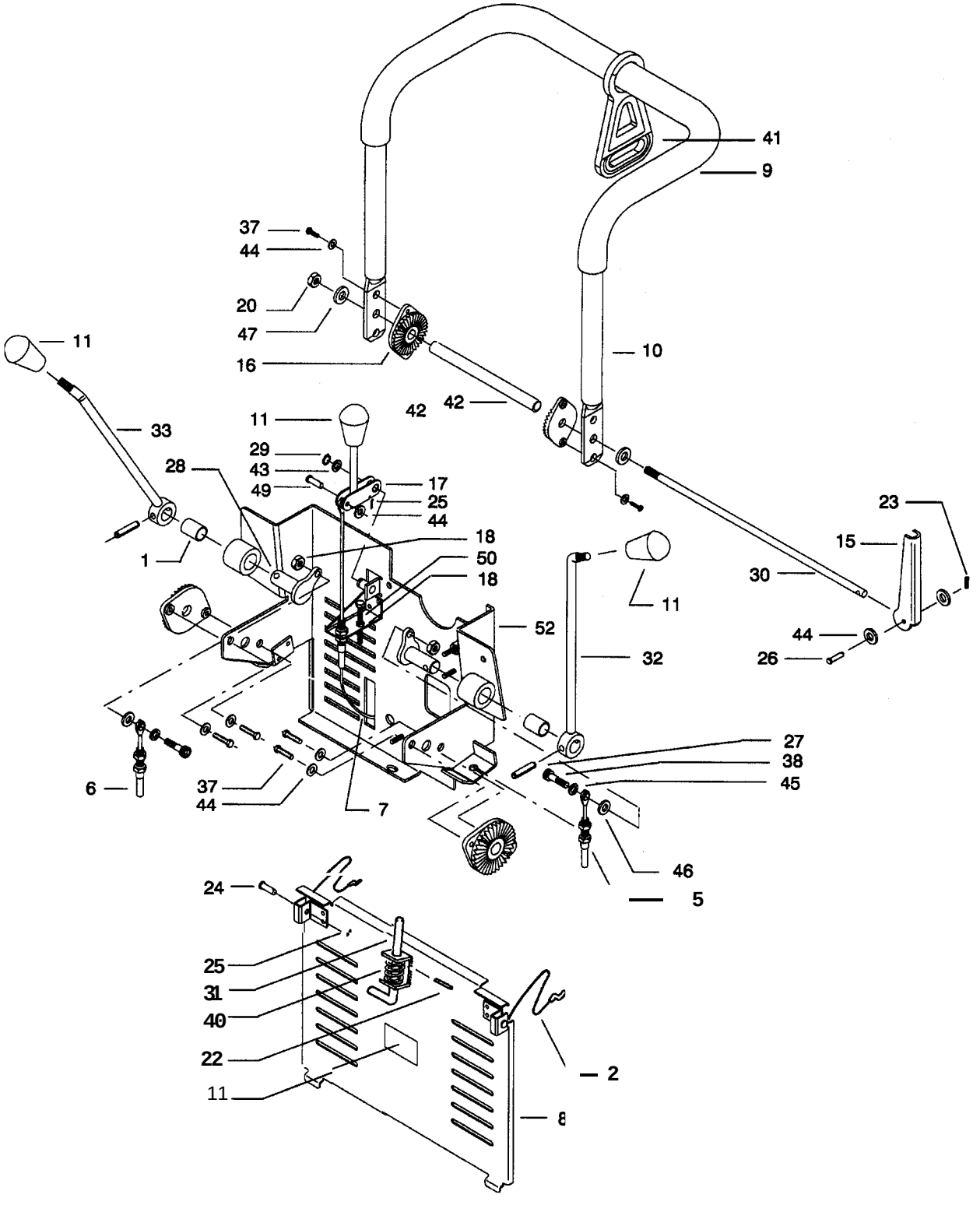
SCRUB DECK ASSEMBLY



SCRUB DECK ASSEMBLY PARTS LIST

Ref	Qty	Part No.	Description	Serial No. From	Serial No. To	Notes:
1A	1	73465	STRAP ASM, TC20 BUMPER			
1B	1	20077	CLAMP. WORM #HS356			
2	2	87090	WASHER, 1/4 FLAT			
3	3	48012	KNOB, ADM HANDLE			
4A	1	73790	SKIRT. SHROUD 3.25 X 58.0L			
4B	1	73814	SKIRT, SHROUD 3.25 X 49.0 L			
5A	1	73422	SCRUB DECK, TC17			
5B	1	73826	SCRUB DECK, TC20			
6	4	70266	SCR. 3/8-16 X 1.0 HHCS			4
7	1	57044	NUT. 3/8 NPT HEX BRASS			
8	1	40027	HOSEBARB, 3/8 MPT X 1/2 90 DEG.			
9	2	20042	CLAMP, 3/8 HOSE			
10	1	39381	HOSE, 1/2 X 22" CLEAR SOL. FEED			
11	1	14663	BRKT, SCRUB DECK MTG			
12	1	27384	COLLAR ASM , SCRUB DECK			
13	1	73404	SNAP RING, 3.12 INTERNAL			
14	1	73430	SEAT, BEARING			
15	1	09047	BEARING, LOWER GEAR BOX			
16	1	48040	KEY, 1/4 SQ X 1.0			
17	1	36105	GEAR, BRUSH MOTOR DRIVE			
18	1	09046	BEARING, UPPER GEAR BOX			
19	1	41182	HOUSING, BRUSH MOTOR			
20	1	09045	BEARING, LOWER BRUSH MOTOR			
21	1	14695	BRUSH SET, BRUSH MOTOR			
22	1	09044	BEARING, UPPER BRUSH MOTOR			
23	1	53573	MOTOR ASM, BRUSH			
24	1	70368	SCR, 3/8-16 X 1-3/4 HHMS			
25	1	87003	WASHER, 3/8 ID X 7/8 OD			
26	5	89059	WHEEL, SCRUB DECK BUMPER			
27	1	57022	NUT, 3/8-16 LOCK			
28	1	64090	PULLEY, 2.88 X 2.25 X .40 CABLE			
29	1	27724	CABLE ASM, SCRUB DECK			
30	1	140140	BRKT, LIFT PULLEY			
31	4	87018	WASHER, #10 X 9/16 OD			
32	1	70249	SCR, 1/4-20 X 1.25 HHCS PLTD			
33	1	78359	TUBE, 13/32 X .049W X 1.56 L CRS			
34	5	80604	RING RUE, COTTER 1/4" PLTD			
35	5	66116	PIN, 1/4 X 3/4 CLEVIS			
36	2	14845	BRKT, TC20E COUNTER BALANCE			
37	2	14493	BUSHING, .25 ID X .37 OD FLANGE			
38	1	20008	CLAMP, 5/8 NYLON UL/CSA			
39	1	27412	COVER MOTOR			
40	2	57012	NUT, 6-32 HEX PLTD			
41	1	57104	NUT, 10-32 W/STAR WASHER PLTD			
42	8	70011	SCR, 1/4-20 X 5/8 HHCS SS			
43	2	70015	SCR, 1/4-20 X 3/4 HHCS			
44	2	70239	SCR, 6-32 X 3/4 PHMS PLTD			
45	4	70406	SCR, 10B X 3/8 PHMS BLACK			
46	2	73506	SCREEN, TC20E BRUSH MOTOR			
47	14	87013	WASHER, 1/4 FLAT			
48	4	87161	WASHER. #6 FLAT			
49	1	880143	WIRE ASM, TC20IF BRUSH MOTOR			
50	1	89073	WEIGHT, TCE COUNTER BALANCE			
51	4	87025	WASHER, 1/4 LOCK EXT STAR SS			
52	1	88953	WIRE. 18" GRN/MM 76010 X 76090			
53	2	51166	LINKAGE ASM. TC20 SEC ROD			
54	1	57040	NUT, 1/2 NPT CONDUIT			
55	1	66192	PIN, ROLL 1/4 X 1.25L			
56	1	05110	ARM ASM, SCRUB DECK			
57	2	14664	BUSHING, PRIMARY S.D.			
58	1	67384	ROD ASM, SCRUB DECK 20			
59	7	57047	NUT, 1/4-20 NYLOCK			
60	3	70088	SCR, 10-32 X 1/2 PHMS			
61	4	57028	NUT, 10-24 TINNERMAN			
62	1	57105	NUT. 1/4-20 HEX W/STAR WASHER			

MECHANICAL CONTROLS

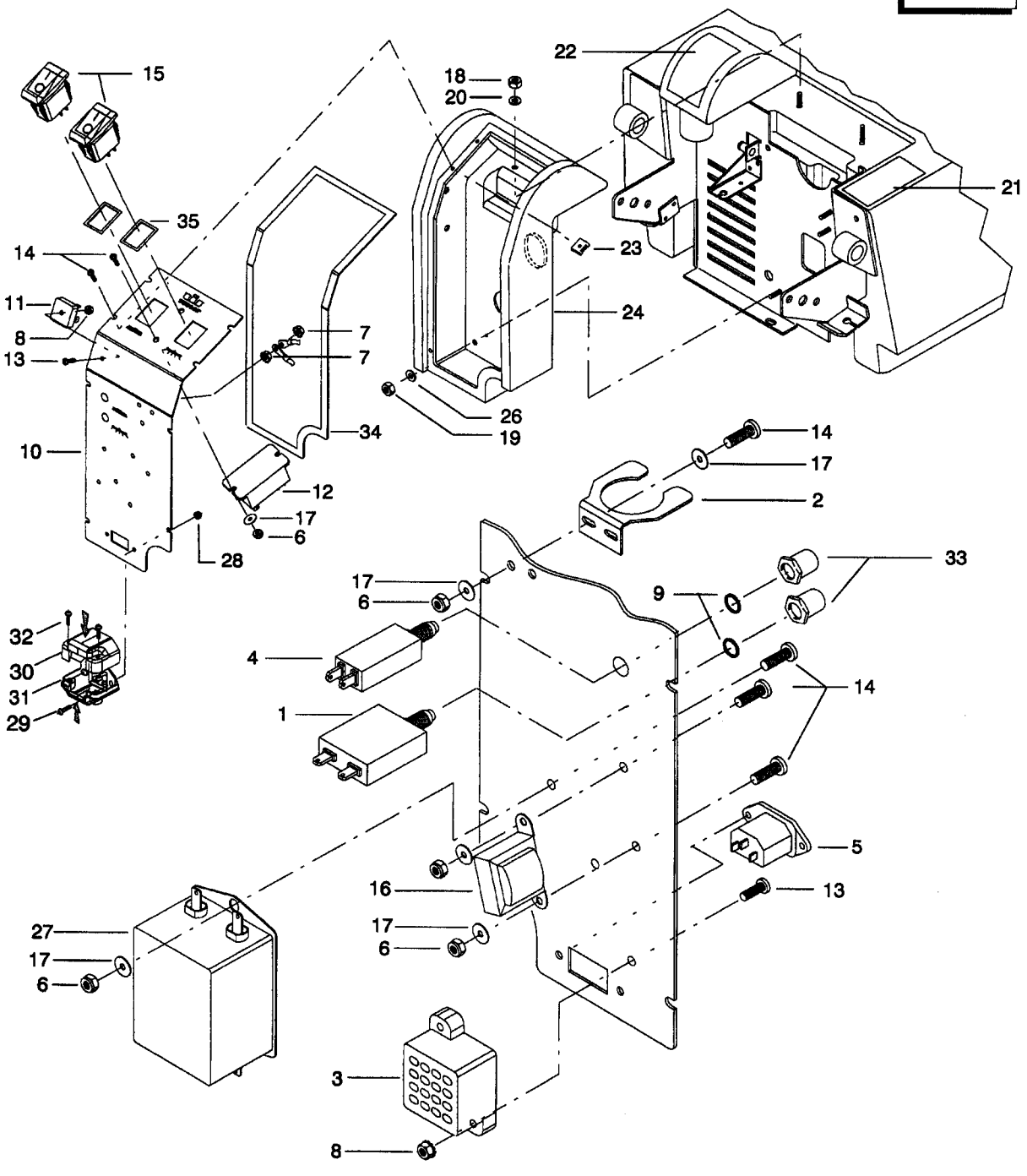


WINDSOR

MECHANICAL CONTROLS PARTS LIST

Ref	Qty.	Part No.	Description	Serial No. From	To	Notes:
1	2	140153	BEARING, .753 X .627 X 1.0 L			
2	2	27413	CABLE, REAR COMPART. DOOR			
3			OPEN			
4			OPEN			
5	1	27724	CABLE, SCRUB DECK			
6	1	27725	CABLE, SQUEEGEE			
7	1	27726	CABLE, SOLUTION			
8	1	29151	DOOR, REAR COMPARTMENT			
9	1	36132	GRIP, HANDLE X 21.5"			
10	1	38208	HANDLE, PTC17 W/ FOAM			
11	3	48030	KNOB, HANDLE			
12			OPEN			
13			OPEN			
14	1	50742	LABEL, SQUEEGEE WARNING			
15	1	51142	LEVER, HANDLE CLAMP			
16	4	51184	LOCK, HANDLE ADJUSTMENT			
17	1	51185	LEVER, SOLUTION			
18	2	57006	NUT, 1/4–20 HEX			
19	1	57030	NUT, 10–32 NY–LOCK			
20	1	57032	NUT, 3/8–16 SERRATED FLANGE			
21			OPEN			
22	1	66068	PIN, 1/8 X 5/8 ROLL			
23	1	66073	PIN, 1/16 DIA X 3/4 L COTTER			
24	2	66116	PIN, 1/4 X 3/4 CLEWS			
25	3	80604	RING, RUE COTTER 1/4" PLTD			
26	1	66133	PIN, 3/16 X .88 L CLEVIS			
27	2	66055	PIN, ROLL 1/4 X 1.0 L			
28	2	66257	PIVOT, CABLE LEVER			
29	1	67138	RING, 3/8 EXT SNAP			
30	1	67224	ROD, HANDLEADJ.			
31	1	67226	ROD, CMPRTMNT DOOR LOCK			
32	1	67360	ROD ASM, SCRUB DECK LIFT			
33	1	67361	ROD ASM, SQUEEGEE LIFT			
34			OPEN			
35			OPEN			
36			OPEN			
37	12	70228	SCR, 10–32 X 1/4 PHMS SS			
38	2	70298	SHOULDER BOLT, 5/16 OD X 3/8 L			
39			OPEN			
40	1	73236	SPRING, 1.12 COMPRESSION			
41	1	73169	STRAIN RELIEF. CORD HOOK			
42	1	78220	TUBE, HANDLE ADJ.			
43	1	87003	WASHER, 318 ID X 718 OD			
44	11	87018	WASHER, #10 FLAT			
45	2	87029	WASHER, 5/16 FLAT			
46	2	87030	WASHER, 3/8 X 314 NYLON			
47	2	87080	WASHER, 1/2" FLAT			
48			OPEN			
49	1	66270	PIN CLEVIS, 3/16 X .75 L			
50	1	70249	SCR. 1/4–20 X 1.25 HHCS PLTD			
51			OPEN			
52	1	61320	PANELASM, REAR			

CONTROL PANEL ASSEMBLY

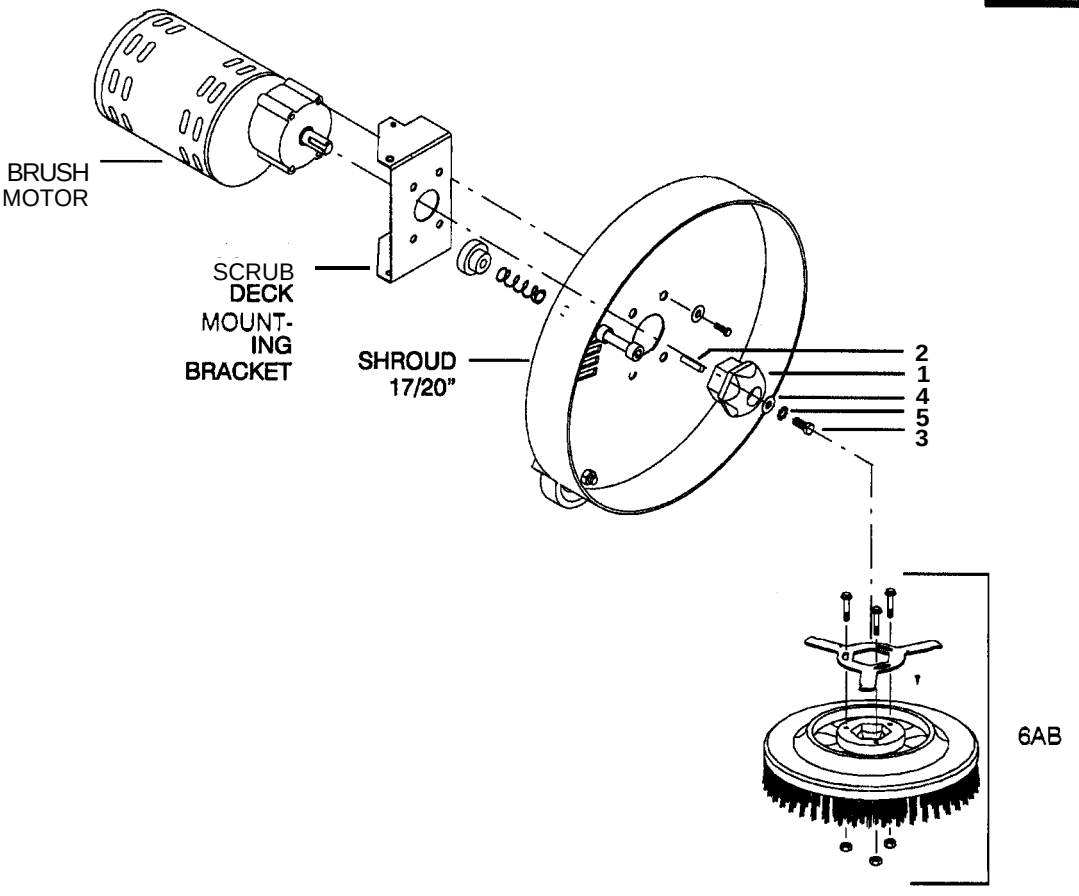


REAR VIEW
(CONTROL PANEL)

CONTROL PANEL ASSEMBLY PARTS LIST

Ref.	Qty.	Part No.	Description	Serial No: From	Serial No: To	Notes:
1	[illegible]	[illegible]	[illegible]			
2	1	14520	CLIP, HOSE			
3	1	14462	TERM. BLOCK, 25A 250V 1–1–2			
4	1	14279	BREAKER, 4AMP 230V CIRCUIT			
5	1	42063	INLET, POWER 10A/250V			
6	8	57049	NUT, 6–32 NYLOCK SS			
7	2	57104	NUT, 10–32 W/STAR WSHR PLTD			
8	3	57106	NUT, 8–32 W/STAR WSHR PLTD			
9	2	57132	NUT, 3/8–27 DRESS PANEL			
10	1	61342	PANEL, CONTROL COVER			
11	1	67029	RECTIFIER, BRIDGE			
12	1	67382	RELAY DPST–NO 30A			
13	3	70248	SCR, 8–32 X 1.0 PHMS BLK NYL.			
14	16	70394	SCR, 6–32 X 1/2 THMS BLK			
15	2	72069	SWITCH, DPST 250V 16(6)A ROCKER			
16	1	78374	TRANSFORMER ASM, 230V/24V			
17	10	87161	WASHER, #6 FLAT SAE			
18	2	57047	NUT, 1/4–20 NYLOCK PLTD			
19	1	57030	NUT, 10–32 NYLOCK PLTD			
20	2	87090	WASHER, 1/4–20 X 3/4 OD PLTD			
21	1	50486	LABEL, SQUEEGEE/SOLUTION			
22	1	50487	LABEL, SCRUB DECK			
23	8	57157	NUT, 6–32 U–TINNERMAN			
24	1	32042	ENCLOSURE, CONTROL PANEL			
25			OPEN			
26	1	87018	WASHER, #10 X 9/16 OD			
27	1	34243	FILTER, EMI 250V 8A 2.1 MH			
28	2	57163	NUT, 4–40 W/STAR WASHER			
29	2	70245	SCR, 4–40 X 3/4 PHMS PLTD			
30	1	32050	ENCL., SPLASHGUARD TOP			
31	1	32051	ENCL., SPLASHGUARD BASE			
32	2	70239	SCR, 6–32 X 3/4 PHMS PLTD			
33	2	14942	BOOT, 3/8 CIRCUIT BREAKER			
34	1	35205	GASKET, CONTROL PANEL			
35	2	35206	GASKET, SWITCH SEAL			

SCRUB DECKASSEMBLY (HEX DRIVE)
GROUPE TETE DE BROSSES (CENTRE HEXAGONAL)



Ref	Qty.	Part No.	Description	Serial No. From	Serial No. To	Notes:
1	1	29119	DRIVER, BRUSH			
2	1	48040	KEY, 1/4 SQ. X 1.00			
3	1	70305	SCR, 5/16–18 X 3/4 HHCS PLTD			
4	1	87029	WASHER. 5/16 FLAT SAE			
5	1	87067	WASHER; 5/16 LCK INT STR PLTD			
6A	1	02327	PAD DRIVER ASM, 17" HEX DRIVE			
6B	1	81578	PAD DRIVER ASM, 20" POLY			

BRUSH AND PAD (17") OPTION LIST:

PIN	*DESCRIPTION*
02327	PAD DRIVER ASM, 17" HEX DRIVE
02323	BRUSH, 17" NYLON DISK HEX DRIVE
02324	BRUSH, 17" POLYPRO DISK HEX DRIVE
02325	BRUSH, 17" GRIT DISK" HEX DRIVE

BRUSH AND PAD (20") OPTION LIST:

P/N	*DESCRIPTION*
81578	PAD DRIVER ASM, 20" POLY
81496	BRUSH, 20" POLY DISK
81497	BRUSH, 20" NYLON DISK
81498	BRUSH, 20" NYLON POLISH DISK
81499	BRUSH, 20" MILD GRIT DISK
81500	BRUSH, 20" SUPER GRIT DISK

LIMITED WARRANTY

Windsor Industries, Inc. warrants new machines against defects in matenal and workmanship under normal use and service to the onginal purchaser. The warranty period is subject to the conditions stated below.

3 YEARS FOR PARTS AND 1 YEAR FOR SERVICE LABOR

Exceptions: Rotationally molded polyethylene tanks carry a 6 year parts and 1 year service labor warranty. **VERSAMATIC®** models carry a **3** year warranty on brush motors, vacuum motors, and belts, and a 1 year service labor warranty. **SENSOR®** models carry a 2 year warranty on vacuum motors and belts, and a 1 year service labor warranty. Extractor brush motors, pump motors, pc boards and electronics, vac motors (other than **VERSAMATIC?** and **SENSOR®**), pumps, and **FLEXSOL™** diaphragms, all **RADIUS™**, all **AXCESS™** and **TITAN™1** carry a 1 year parts and service labor warranty. Propane equipment has a 1 year parts and service warranty. The **Onan®** engines have a **3** year manufacturers' warranty. The **Honda®** engines have a 2 year manufacturers' warranty. The engine warranty is administered through the engine manufacturer and must be repaired at an authonzed service center.

Normal wear items including, but not limited to, belts, brushes, capacitors. carbon brushes, casters, clutches, cords, filters, finishes, gaskets, hoses, light bulbs, rectifiers, switches, squeegees, bearings, pulleys, relays, actuating cables, tires and wheels will be warranted for manufacturing defects for 90 days from the purchase date.

The warranty commences on the purchase date by the onginal end user from an authonzed Windsor Agent, subject to proof of purchase. The Machine Registration Card must be completed and returned immediately at the time of purchase If proof of purchase cannot be identified, the warranty start date is 90 days after date of sale to an authonzed Windsor distributor. Parts replaced or repaired under warranty are guaranteed for the remainder of the onginal warranty period.

90 DAY WARRANTY EXTENSION AVAILABLE

Upon receipt of the Machine Registration Card, Windsor will extend the warranty period an additional 90 days from the purchase date. Does not include items warranted 90 days for manufacturing defects.

STATED WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED.

Any statutory implied warranties, including any warranty of merchantability or fitness for a particular purpose, are expressly limited to the duration of this written warranty. Windsor will not be liable for any other damages, including but not limited to indirect or special consequential damages arising out of or in connection with the furnishing; performance, use or inability to use the machine. This remedy shall be the exclusive remedy of the buyer.

This warranty shall not apply to: 1 damage in transit; 2. misuse or abuse (including the use of incompatible or corrosive chemicals or overloading of capacity); **3** failure due to lack of proper maintenance and care (including cleaning); 4. any design alterations performed by an organization not authorized or specified by Windsor; 5 batteries and chargers. 6. high pressure washing. 7. electrical components exposed to moisture.

If difficulty develops during the warranty period, contact the authorized Windsor Agent from whom the product was purchased. Windsor, Inc. may elect to require the return of components to validate a claim. Any defective part to be returned must be shipped freight pre-paid to an authonzed Windsor Distributor/Service Center or to the Windsor factory.

USE OF PARTS NOT APPROVED BY WINDSOR, INC. WILL VOID ALL WARRANTIES.

This warranty is valid only for all products sold after July 1, 1995 A product sold before that date shall be covered by the limited Warranty in effect at the date of sale to the onginal purchaser.

WINDSOR INDUSTRIES, INC., 1351 W. Stanford Ave., Englewood, CO 80110 USA
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